

The Anchorage Amateur Radio Club News Bulletin

November 1996

Editor - Harvey E. Rookus NL7DK

Vol. 25 No. 11

November 1st Election of Officers

Nominees

President _____

Vice President Paul Spatzek WL7BF
Karen Saunders WL7KS

Activities Mgr. _____

Secretary Susan Woods NL7NN

Treasurer _____

3 Year Brd Mbr Dave Filley WL7CDJ
Harvey NL7DK

One Year Brd Mbr

Bruce McCormick WL7YR

John Wolfe AA0NN

John Murray NL7WW

Diane Hammer NL7KN

Peter Bailey WL7BW

December 6th

Christmas Party - Atwood Center - APU 6 pm

Door Prizes and presents for the kids!!

Club will furnish Ham and Turkey!

Bring the following:
Novice - Vegetables
Tech - Hot Dish

General - Salad
Advanced - Bread, Appetizers
Extra - Dessert

What's Up?

General Meeting First Friday of Month - Carr-Gottstein Bldg APU Campus 7 pm
Second Bldg on the left.

Board Meeting - Second Wednesday 7 pm - Carr-Gottstein Bldg APU

VEC Testing - 1st Wed 6:30 pm, Carr-Gottstein Bldg.; 2nd Saturday, 2 pm Hope
Cottage - 530 W. International Airport Rd. Enter Rear of Bldg.

3rd Wednesday, VFW Hall - Eagle River 7 pm

No appointment needed. Bring copies of previous testing. Bring Photo ID.

Election of Officers

As of presstime you will note that we have a number of offices that have no nominees. We would like to see many more members be willing to fill these spots if asked or nominated. One very important job is that of TREASURER. The job of Treasurer has been simplified because it has been computerized. The ACTIVITIES Manager is another job that has been hard to fill. If everyone would do their part in suggesting Programs and Door Prizes to the Activities Manager it would certainly cut down on the time spent on the job. The job of PRESIDENT is eased somewhat, by virtue of the fact that he/she has a board to assist in all decisions that have to be made. WHY NOT give one of these jobs a try to see if you can come up with new ideas and ways to make all of the offices more or less self supporting. We also need a few more Nominees for the One Year Board, 3 Year Board and Secretary. Try to come up with names of nominees or say YES if you are asked to fill one of these jobs. 'Editor and member of the nominating committee.'

Club Distribution of EarningsResults of voting on Non-Profit Organizations

1. Alaska Pacific University
2. Salvation Army
3. Hope Cottage
4. Senior Center
5. Science Technology & Applied Mathematics Programs - STAMPS
6. Alaska Mountain Rescue
7. Blood Bank of Alaska
8. Alaska Science & Engineering Fair
9. Bootstraps of America
10. Anchorage Fire Department (For Special Helmet for seeing through smoke)

We will not know the amounts to be divided until early in 1997.

1997 Budget Proposal

On Page 4 you will see the Proposed Budget for 1997. Look this over carefully and if you have any questions, bring them up at the Meeting. We will be voting to accept or rework the Budget for next Year

Now's Your Chance

Have you ever wanted to write questions for the testing?

Questions and answers, one correct and three dummy answers, are needed for the following Topics!

TOPICS

- (1) FCC rules for the amateur radio services
- (2) Amateur station operating procedures
- (3) Radio wave propagation characteristics of amateur service frequency bands
- (4) Amateur radio practices
- (5) Electrical principles as applied to amateur station equipment
- (6) Amateur station equipment circuit components
- (7) Practical circuits employed in amateur station equipment
- (8) Signals and emissions transmitted by amateur stations
- (9) Amateur station antennas and feed lines
- (10) R. F. safety

Questions and answers to be documented.
Contact Roger KL7HFQ 786-8121 if you have questions

NOVEMBER DOOR PRIZES

One KPC 96-12 Terminal Node Connector

Two subscriptions to CQ Magazine

Three subscriptions to Worldradio

Several bundles of Heatshrink (Great for sealing connections!)

A turkey (No, we will not raffle off a board member!)

A ham (No, we will not raffle off club member!)

Lots more surprises!

REMEMBER: You receive one free ticket just for walking in the door and saying hello to Kris, the Activities Manager. Additional tickets cost \$0.50. You must be present to win.

Anchorage Amateur Radio Club, Inc.
1997 Budget Proposal

Business Income(\$)

Advertising	100
Annual Dues	3,800
Other Business Income	0
Total Business Income	3,900

Enterprise Income(\$)

Gaming	45,000
Special Events (Hamfest)	5,000
Other Enterprise Income	0
Total Enterprise Income	\$50,000

Total Income **\$53,900**

Business Expense(\$)

Insurance	700
Licenses	800
Office Supplies	300
Telephone	1,500
Other Business Expense	300
Total Business Expense	3,600

Enterprise Expense(\$)

Hamfest	5,000
Monthly Meetings	800
Contributions to Charitable Organizations	8,000
VEC Testing/Licensing	1,000
Newsletter	4,000
Emergency Services	500
Packet Radio Services/Equipment	3,000
Voice Repeater Services/Equipment	5,000
Professional Services	3,000
Taxes	20,000
Other Enterprise Expense	0
Total Enterprise Expense	40,300

Total Expenses **\$53,900**

THANKS FROM DIMOND HIGH SCHOOL

The Science, Technology and Applied Mathematics Program (STAMP) at Dimond High School sincerely thanks all of you for the generous donations of equipment left over from the Ham Fest. Wayne Day (technology instructor), Frank O'Connor (WL7ZU), Kris O'Connor (WL7ZT), and Richard O'Connor (WL7CPG) filled three vehicles full of various sorts of electronic equipment, computers, even an HF transceiver and took it all to the school.

The STAMP program intends to set up a PC-based lab with much of the donated computer equipment. The Anchorage School District supports only Macintosh systems, and STAMP teachers see the need for providing students with experience on PC machines, so they are pulling this together on a shoestring budget. Mr. Day and some students are going through the donated equipment to see what works and what doesn't, but this is taking a long time. He really needs some computer-knowledgeable volunteers to help out.

Students have also expressed interest in setting up a ham station at the school. Dimond has a VHF/UHF mobile radio, TNC, and computer for a packet station. Mr. Day can build an antenna. He is studying for his ham license and intends to obtain it soon. In the meantime, he could use some volunteer help to get the radio up and running. It would be great to get the HF rig (tube-style) going, too, but that may have to come later.

If you can help with these projects, please contact Wayne Day at Dimond High School, 243-1141 ext. 437, or at his classroom, 249-0437. You may also call Kris O'Connor (WL7ZT) at 349-1908.

Here the other day I turned my Kenwood TS-930 on and lo and behold, I had lost all my memory frequencies. Not a big deal. The battery went dead. I consulted my Owners Manual and found it said the memory backup is held by three AA batteries, and their life is expected to be about a year. One year! I've had the radio for three or four years. The TS-930 is user friendly for changing these batteries. However, I found a very nasty battery leakage problem. The battery case is very resistant to the white acidic leakage and the leakage had not gotten into my radio innards. My only reason for writing is to advise you to check your owners manual for what kind of memory back-up batteries your rig uses. If they are alkaline type batteries instead of the lithium type, you had better check them regularly, or better yet, change them regularly. I feel I was very lucky. Best 73 es CUL.
Jerry AL7HS

To Anchorage Amateur Radio Club:

As per your request I have listed several projects and items that we are in need of financing. If your are in any position financially and if your club members decide to assist the STAMP program we would be extremely grateful. Please feel free to pick and choose any or all of the items you wish to support. Thank you for considering us as one of the programs worthy of financial assistance.

Computer Based Lab: Each of the 16 lab stations will be used by two students simultaneously to produce a computerized science lab. These will be used by the Chemistry and Biology students.

16 computer based lab set-ups including probes for

temperature, pH and light	\$ 250 ea.	\$4000
8 Dissolved Oxygen probes for CBL sets	\$ 180 ea.	\$1280
6 Colorimeter probes	\$ 100 ea.	\$ 600
16 TI 82 Hand held Calculator- computer	\$ 80 ea.	\$1280
Total		\$7260

Whale Project: Fees and supplies to reassemble and display Beluga whale skeleton at Dimond. This is a student project supervised by faculty. \$1500

Computer software: To keep up with the current technology it is important to continually upgrade existing software for the computer lab. It is necessary in most instances to purchase a sight license. \$1800

Computer lab supplies: Printing cartridges for the color H.P. printers.

Toner cartridges for the laser printer. \$ 350

Computer upgrades: External hard drives, simm chips, modems and related equipment improve existing computers. \$1500

Marine Biology study: Each year a group of biology students do an extensive inter-tidal zone study in Kachemak Bay during the lowest spring tides of the year. The costs have continued to increase prohibiting many students from participating. Expenses include a van and equipment trailer rental, an oceanographic study and marine life observation cruise in Seward with Kenai Fjords. Boat ride across Kachemak Bay and an extended stay in Sadie Cove where the study is conducted. Students contribute approx. \$ 125 ea. but the cost are always extremely difficult to obtain for this 5 to 7 day study.

\$ 950

Humanities lab: Creation of 3 mobile computerized labs and software for the purpose of integrating the humanities. The cart would contain a computer, printer, modem, VCR monitor and necessary connectors. This mobile lab would travel to a classroom where students or teachers could access Internet and the entire class could observe via the monitor. Projects could be developed that would include Language Arts, Performing Arts, Photography, Social Studies and Technology in much the same way Math and Science have been integrating subject matter in STAMP. \$3800 ea. \$11, 400

Science and Engineering Fair supplies:

Expendable supplies such as chemicals for electrophoresis for DNA studies, lab specimens and kits, Biological supplies, etc. \$ 1200

The above list are items necessary to continue the work STAMP has been doing with students. The Humanities Lab is the first step in eventually turning STAMP into a full day alternative school with the inclusion of Language Arts and Social Studies.

I realize that it is probably not possible to help fund all the items. If you are able to assist with any it would be greatly appreciated. Pick and choose as you see fit or just set a dollar amount and we will select the areas of most need. Thank you for your consideration .

Sincerely,

Bob Roses, STAMP chairman

Guess what? I made my first Mistake this Month! I left out the last page of the FCC info in the September Newsletter so here 'tis.

12. Caribbean Insular areas. The numerals are 1 through 5:

- 1 - Navassa Island;
- 2 - Virgin Islands;
- 3 or 4 - Commonwealth of Puerto Rico except Desecheo Island;
- 5 - Desecheo Island.

13. Hawaii and Pacific Insular areas. The numerals are through 9:

- Commonwealth of Northern Mariana Islands;
- 1 - Baker or Howland Island;
- 2 - Guam;
- 3 - Johnston Island;
- 4 - Midway Island;
- 5 - Palmyra or Jarvis Island; 5 followed by suffix letter K - Kingman Reef;
- 6 or 7 - Hawaii; 7 followed by the letter X - Kure Island;
- 8 - American Samoa;
- 9 - Wake, Wilkes or Peale Island.

Certain combinations of letters are not assignable.

These include KA2AA-KA9ZZ, KC4AAA-KC4AAF, KC4USA-KC4USZ, KG4AA-KG4ZZ, KC6AA-KC6ZZ, KL9KAA-KL9KHZ, KX6AA-KX6ZZ; any call sign having the letters SOS or QRA-QUZ as the suffix; any call sign having the letters AM-AZ as the prefix; any 2-by-3 format call sign having the letter X as the first letter of the suffix; any 2-by-3 format call sign having the letters AF, KF, NF or WF as the prefix and the letters EMA as the suffix; any 2-by-3 format call sign having the letters NA-NZ as the prefix; any 2-by-3 format call sign having the letters KP, NP or WP as the prefix and the numeral , 6, 7, 8 or 9; any 2-by-2 format call sign having the letters KP, NP or WP as the prefix and the numeral , 6, 7, 8 or 9; any 2-by-1 format call sign having the letters KP, NP or WP as the prefix and the numeral , 6, 7, 8 or 9; and letter combinations that prior recipients have found offensive. Call signs having the single letter prefix (K, N or W), a single digit numeral (, 1, 2, 3, 4, 5, 6, 7, 8 or 9) and a single letter suffix are reserved for the special event call sign system.

This Notice supersedes all previous Notices on this subject. For the procedures of the vanity call sign system, see PR-5000 #206-V, AMATEUR STATION VANITY CALL SIGN SYSTEM.

FOR FURTHER INFORMATION, CONTACT THE FCC'S CONSUMER ASSISTANCE BRANCH, 1270 FAIRFIELD ROAD, GETTYSBURG, PA 17325-7245 (800) 322-1117 OR (717) 338-2500.

-FCC-

WIRELESS TELECOMMUNICATIONS BUREAU

FACT SHEET

November 1996

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

					1 7:00p]AARC General Meeting APU CG Bldg Rm 103	2
3	4	5 11:30a]Ham Lunch Old Seward Royal Fork	6 6:30p]VEC Testing APU Rm 103	7	8	9 2:00p]VEC Testing Hope Ctg Bldg 540 W. 2:30p]Inter. Arpt Rd
10	11 Veterans Day	12 11:30a] Ham Lunch Old Seward Royal Fork	13 7:00p]Brd Mtg APU Rm 104	14	15	16
17	18	19 11:30a]Ham Lunch Old Seward Royal Fork	20 6:30p]VEC Testing Eagle River VFW	21	22	23 10:00a]PARKAMtg TBA
24	25	26 11:30a]Ham Lunch Old Seward Royal Fork	27	28 Thanksgiving	29	30

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Antenna with Resonator; Spider
HF Antenna, All Bands 80-10
Meters; MFJ QRP CW
Transceivers: MFJ 30M, 9030;
MFJ 17M, 9070.
Contact Ed NL7VP @ 243-
4348H or 249-3151W

SP600 or Similar
Contact John (KL7GHG)
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243-6483 Home

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